

To: Way, Steven[way.steven@epa.gov]; Nguyen, Duc[nguyen.duc@epa.gov]; Guy, Kerry[Guy.Kerry@epa.gov]
Cc: Rob Runkel[runkel@usgs.gov]
From: Coursen, Robin
Sent: Tue 11/17/2015 11:37:35 PM
Subject: RE: USGS Technical Support - Red ad Bonita Mine / Upper Animas Interagency Tasking

Rob, would you or Suzanne put together an a-k breakout for my budget based on Steve's estimate. She knows what I need. Duc, I need to reference the QAPP for this that Rob would work under. Is it START?

-----Original Message-----

From: Way, Steven
Sent: Monday, November 16, 2015 1:59 PM
To: Nguyen, Duc; Coursen, Robin; Guy, Kerry
Cc: Rob Runkel
Subject: USGS Technical Support - Red ad Bonita Mine / Upper Animas Interagency Tasking

Hi folks,

As discussed with this morning, the following scope of work is being requested of USGS in support of the evaluation / recommendation regarding the proposed bulkhead valve closure at the Red and Bonita mine.

1. Perform a review of specific hydrogeological and underground mine system information needed to provide recommendations regarding the proposed closing of the valve in newly installed bulkhead. This information includes existing information from DRMS, EPA and USGS regarding various mines in the Upper Cement Creek drainage and historic water quality data developed by EPA (START and ESAT) or USGS.
2. The deliverable will include participating in technical meetings, and providing written summary of the recommendations and basis in a technical memo to EPA by December 2. The evaluation is to address proposed monitoring to assess the effects of closing the valve, potential water quality changes and potential negative consequences.
3. The level of effort for this task is estimated to be 80 hours +/-.

Let me know if you have any questions.

Thanks,
Steve

Sent from my iPad